

# Tao Zhou

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8243757/tao-zhou-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53  
papers

1,113  
citations

18  
h-index

32  
g-index

59  
ext. papers

1,423  
ext. citations

4.7  
avg, IF

3.98  
L-index

#	Paper	IF	Citations
53	circRNADb: A comprehensive database for human circular RNAs with protein-coding annotations. <i>Scientific Reports</i> , <b>2016</b> , 6, 34985	4.9	241
52	In-depth proteomic analysis of the human sperm reveals complex protein compositions. <i>Journal of Proteomics</i> , <b>2013</b> , 79, 114-22	3.9	135
51	TCTE1 is a conserved component of the dynein regulatory complex and is required for motility and metabolism in mouse spermatozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E5370-E5378	11.5	47
50	Scanning of novel cancer/testis proteins by human testis proteomic analysis. <i>Proteomics</i> , <b>2013</b> , 13, 1200-18	4.8	47
49	Quantitative phosphoproteomics analysis reveals a key role of insulin growth factor 1 receptor (IGF1R) tyrosine kinase in human sperm capacitation. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 1104-12 <sup>6</sup>	7.6	45
48	Mapping of the N-linked glycoproteome of human spermatozoa. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 5750-9	5.6	44
47	Insights into the lysine acetylproteome of human sperm. <i>Journal of Proteomics</i> , <b>2014</b> , 109, 199-211	3.9	38
46	mUbiSiDa: a comprehensive database for protein ubiquitination sites in mammals. <i>PLoS ONE</i> , <b>2014</b> , 9, e85744	3.7	38
45	Identification of seven genes essential for male fertility through a genome-wide association study of non-obstructive azoospermia and RNA interference-mediated large-scale functional screening in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 1493-503	5.6	30
44	Bioinformatics for spermatogenesis: annotation of male reproduction based on proteomics. <i>Asian Journal of Andrology</i> , <b>2013</b> , 15, 594-602	2.8	30
43	Systematic analysis of the phosphoproteome and kinase-substrate networks in the mouse testis. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 3626-38	7.6	27
42	Distinct temporal requirements for autophagy and the proteasome in yeast meiosis. <i>Autophagy</i> , <b>2016</b> , 12, 671-88	10.2	26
41	Establishment of a proteomic profile associated with gonocyte and spermatogonial stem cell maturation and differentiation in neonatal mice. <i>Proteomics</i> , <b>2014</b> , 14, 274-85	4.8	20
40	Establishment of a proteome profile and identification of molecular markers for mouse spermatogonial stem cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2015</b> , 19, 521-34	5.6	19
39	Comparative proteomics analysis of placenta from pregnant women with intrahepatic cholestasis of pregnancy. <i>PLoS ONE</i> , <b>2013</b> , 8, e83281	3.7	19
38	Inhibition of the Rac1-WAVE2-Arp2/3 signaling pathway promotes radiosensitivity via downregulation of cofilin-1 in U251 human glioma cells. <i>Molecular Medicine Reports</i> , <b>2016</b> , 13, 4414-20	2.9	19
37	PCBP1 is required for maintenance of the transcriptionally silent state in fully grown mouse oocytes. <i>Cell Cycle</i> , <b>2012</b> , 11, 2833-42	4.7	18

36	The human sperm proteome 2.0: An integrated resource for studying sperm functions at the level of posttranslational modification. <i>Proteomics</i> , <b>2016</b> , 16, 2597-2601	4.8	18
35	The Glial Cell-Derived Neurotrophic Factor (GDNF)-responsive Phosphoprotein Landscape Identifies Raptor Phosphorylation Required for Spermatogonial Progenitor Cell Proliferation. <i>Molecular and Cellular Proteomics</i> , <b>2017</b> , 16, 982-997	7.6	17
34	Quantitative Proteomics Reveals the Essential Roles of Stromal Interaction Molecule 1 (STIM1) in the Testicular Cord Formation in Mouse Testis. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 2682-91	7.6	17
33	Proteomic analysis of N-glycosylation of human seminal plasma. <i>Proteomics</i> , <b>2015</b> , 15, 1255-8	4.8	17
32	Long-term effects of repeated superovulation on ovarian structure and function in rhesus monkeys. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 1452-1457.e1	4.8	16
31	Proteomics analysis of human pericardial fluid. <i>Proteomics</i> , <b>2013</b> , 13, 2692-5	4.8	15
30	SProtP: a web server to recognize those short-lived proteins based on sequence-derived features in human cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e27836	3.7	13
29	Comparative analysis of macaque and human sperm proteomes: Insights into sperm competition. <i>Proteomics</i> , <b>2015</b> , 15, 1564-73	4.8	12
28	Proteomics analysis of asthenozoospermia and identification of glucose-6-phosphate isomerase as an important enzyme for sperm motility. <i>Journal of Proteomics</i> , <b>2019</b> , 208, 103478	3.9	11
27	Beyond single modification: Reanalysis of the acetylproteome of human sperm reveals widespread multiple modifications. <i>Journal of Proteomics</i> , <b>2015</b> , 126, 296-302	3.9	11
26	In-depth proteomic analysis of whole testis tissue from the adult rhesus macaque. <i>Proteomics</i> , <b>2014</b> , 14, 1393-402	4.8	11
25	Quantitative proteomics analysis of altered protein expression in the placental villous tissue of early pregnancy loss using isobaric tandem mass tags. <i>BioMed Research International</i> , <b>2014</b> , 2014, 647143	3.7	10
24	Generation of fertile offspring from Kit(w)/Kit(wv) mice through differentiation of gene corrected nuclear transfer embryonic stem cells. <i>Cell Research</i> , <b>2015</b> , 25, 851-63	24.7	9
23	Unravelling the proteome of adult rhesus monkey ovaries. <i>Molecular BioSystems</i> , <b>2014</b> , 10, 653-62		9
22	Predicting miRNA-mediated gene silencing mode based on miRNA-target duplex features. <i>Computers in Biology and Medicine</i> , <b>2012</b> , 42, 1-7	7	8
21	Unraveling the proteomic profile of mice testis during the initiation of meiosis. <i>Journal of Proteomics</i> , <b>2015</b> , 120, 35-43	3.9	7
20	MaxReport: An Enhanced Proteomic Result Reporting Tool for MaxQuant. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152063	3.7	7
19	mRBPome capture identifies the RNA-binding protein TRIM71, an essential regulator of spermatogonial differentiation. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	6

18	Comparative transcriptome analysis reveals a regulatory network of microRNA-29b during mouse early embryonic development. <i>Oncotarget</i> , <b>2016</b> , 7, 53772-53782	3.3	6
17	Quantitative Proteomic Analysis of Human Seminal Plasma from Normozoospermic and Asthenozoospermic Individuals. <i>BioMed Research International</i> , <b>2019</b> , 2019, 2735038	3	5
16	Label-Free Quantitative Proteomic Screening of Candidate Plasma Biomarkers for the Prognosis of Breast Cancer with Different Lymph Node Statuses. <i>Proteomics - Clinical Applications</i> , <b>2018</b> , 12, e1700117	3.1	5
15	4-tert-octylphenol injures motility and viability of human sperm by affecting cAMP-PKA/PKC-tyrosine phosphorylation signals. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 62, 234-243	5.8	5
14	Genome-wide analysis of human hotspot intersected genes highlights the roles of meiotic recombination in evolution and disease. <i>BMC Genomics</i> , <b>2013</b> , 14, 67	4.5	5
13	A Critical Review of Proteomic Studies in Gestational Diabetes Mellitus. <i>Journal of Diabetes Research</i> , <b>2020</b> , 2020, 6450352	3.9	5
12	A Comparative Proteome Profile of Female Mouse Gonads Suggests a Tight Link between the Electron Transport Chain and Meiosis Initiation. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 31-42	7.6	5
11	The need to revisit published data: A concept and framework for complementary proteomics. <i>Proteomics</i> , <b>2016</b> , 16, 6-11	4.8	4
10	Yeast model identifies ENTPD6 as a potential non-obstructive azoospermia pathogenic gene. <i>Scientific Reports</i> , <b>2015</b> , 5, 11762	4.9	4
9	Key proteins of proteome underlying sperm malformation of rats exposed to low fenvalerate doses are highly related to P53. <i>Environmental Toxicology</i> , <b>2021</b> , 36, 1181-1194	4.2	2
8	Proteomic Analysis of Pachytene Spermatocytes of Sterile Hybrid Male Mice. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 52	3.9	2
7	Prognostic value of neutrophil- lymphocyte count ratio (NLCR) among adult ICU patients in comparison to APACHE II score and conventional inflammatory markers: a multi center retrospective cohort study. <i>BMC Emergency Medicine</i> , <b>2021</b> , 21, 24	2.4	2
6	Bioinformatics Analysis of Transcriptomic Data Reveals Refined Functional Networks for the Self-Renewal of Mouse Spermatogonial Stem Cells. <i>Stem Cells International</i> , <b>2018</b> , 2018, 5842714	5	1
5	Diagnostic and Prognostic Value of Long Noncoding RNAs as Potential Novel Biomarkers in Intrahepatic Cholestasis of Pregnancy. <i>BioMed Research International</i> , <b>2021</b> , 2021, 8858326	3	1
4	Data on comparative proteomic profiling of human sperm affected by 4-tert-octylphenol in vitro. <i>Data in Brief</i> , <b>2018</b> , 21, 2242-2245	1.2	1
3	Quantitative phosphoproteomics reveals GSK3A substrate network is involved in the cryodamage of sperm motility. <i>Bioscience Reports</i> , <b>2021</b> , 41,	4.1	1
2	An update of the macaque testis proteome. <i>Data in Brief</i> , <b>2015</b> , 5, 95-8	1.2	
1	A Refined Framework for Precision and Translational Proteomics in Clinical Research. <i>Current Proteomics</i> , <b>2021</b> , 18, 436-446	0.7	

